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DIALOG(R) File 347:JAPIO
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03879496 **Image available**
HEAT EXCHANGER

PUB. NO.: 04-244596 JP 4244596 A]
PUBLISHED: September 01, 1992 (19920901)
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APPL. NO.: 03-009875 [JP 919875]
FILED: January 30, 1991 (19910130)
INTL CLASS: [5] F28F-009/00; F28F-001/02
JAPIO CLASS: 24.2 (CHEMICAL ENGINEERING -- Heating & Cooling)
JOURNAL: Section: M, Section No. 1352, Vol. 17, No. 18, Pg. 104,
January 13, 1993 (19930113)

ABSTRACT

PURPOSE: To mount all fins in a single process by boring insertion holes on a header and inserting and connecting both ends of a side plate into said holes.

CONSTITUTION: Tubes 1 and a side plate 11 are set at a specified span wherein all corrugated fins 3 are previously laid out so as to match the clearance between each tube 1 and the clearance between the tubes 1 and the side plate 1. The fins 3 are transferred into these clearances simultaneously and mounted therein. Then, the both ends of each tube 1 and the side plate 11 are inserted into a mount hole 2a and an insertion hole 15 on a header 2. This construction makes it possible to set previously the side plate to a fixed position and further lay out the corrugated fins 3 in advance in such a fashion that they may match the clearance between each tube 1 and the clearance between the tubes 1 and the side plate 1. It is, therefore, possible to mount every corrugated fin 3 simultaneously.